10/538901

JC17 Rec'd PCT/PTO 14 JUN 2005

HEIWA.025AUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a form PTO-1449 listing four references relevant to the above-identified application. A copy of the references is also enclosed herewith.

This information disclosure statement is filed at the time of filing the instant application concurrently herewith, therefore, no fee is required under 37 CFR 1.97(b)(1).

All of the references are cited in the International Search Report issued by Japanese Patent Office in the international stage of this case. An English version of the International Search Report is also enclosed. For the prior art references that are not in English, an English abstract is attached to each of the references when it is readily available.

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Serial No. : New National Stage Application

Filed : PCT Filing Date; December 12, 2003

Applicant respectfully requests that the prior art references submitted be considered in the substantive examination of this application.

Respectfully submitted,
MURAMATSU & ASSOCIATES

Date of .	6/14/05	
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By:

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PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	Complete if Known 157890 4		
	Application Number	New Application	
INFORMATION DISCLOSURE	Filing Date	12/18/2003	
	First Named Inventor	Hideyuki Oshima	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 1 of 1	Attorney Docket Number	HEIWA.025AUS	

	•		U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (If known)}			rigules Appear
		^{US-} 4,876,655	10/24/1989	Carlton et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		JP 2000-314767	11/14/2000	Asahi Kasei		
		WO 97/04327	02/06/1997	Advantest		
		JP 01-164118	06/28/1989	NEC		
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Examiner	Date	
Signature	Considere	i .
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.